

S
388.31
H30k

STATE OF MONTANA

NOV - 6 1974

KALISPELL

ORIGIN AND DESTINATION STUDY

1970

Prepared By

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

In Cooperation With The

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

MONTANA STATE LIBRARY
PO Box 25000
Helena, Montana 59620

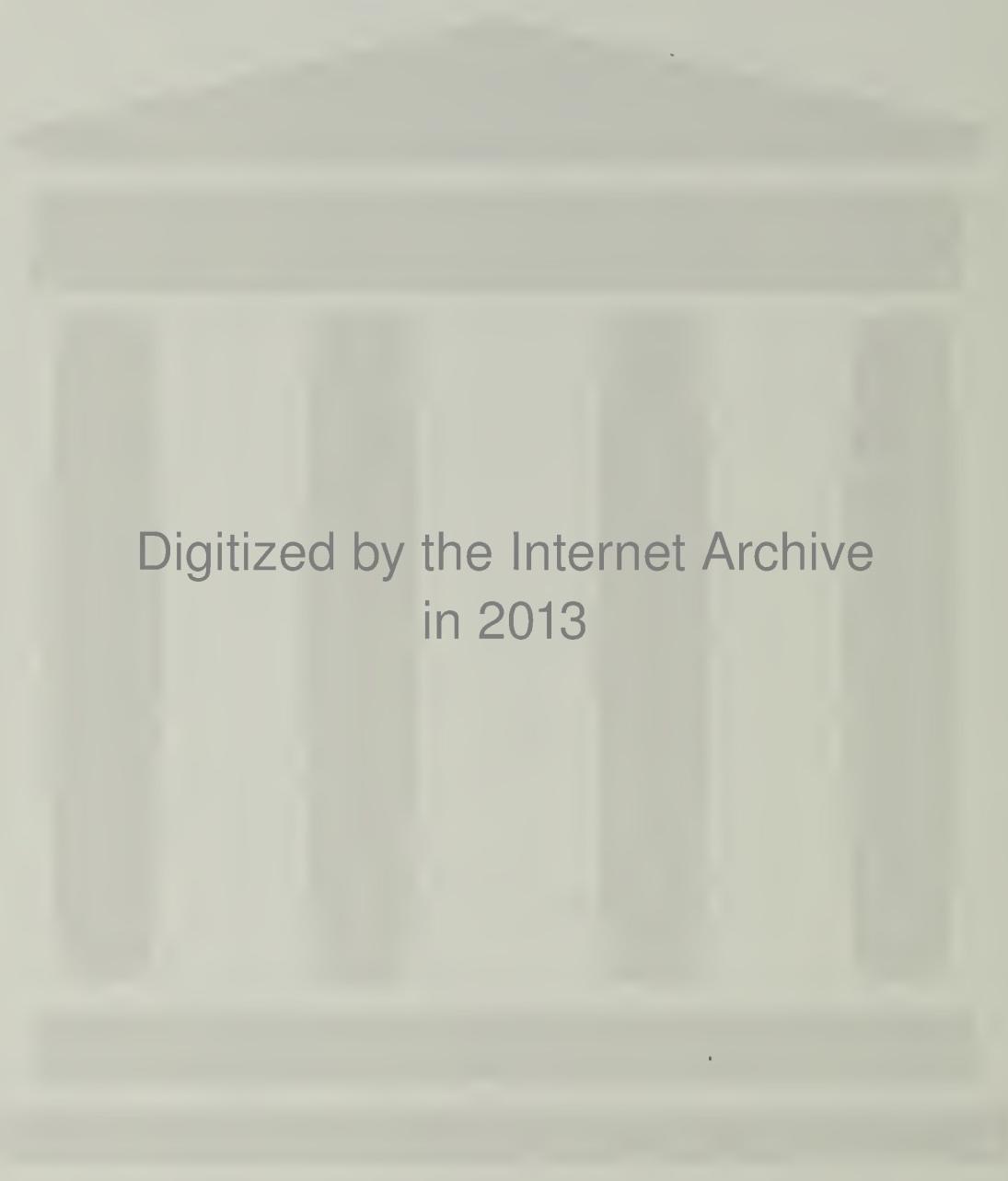
Montana State Library



3 0864 1006 4155 7

TABLE OF CONTENTS

	Page
Introduction	1
Tabulation of Traffic, Five External Stations	3
Definitions	4
Zone Map	5
Distribution Of All Traffic	
Through Traffic, Five External Stations	6-7
Station No. 1, US 93 North	8-9
Station No. 2, US 2 East	10-11
Station No. 3, US 93 South	12-13
Station No. 4, US 2 West	14-15
Station No. 5, FAS 424 Northwest	16-17
Distribution of Truck Traffic	
Through Traffic, Five External Stations	18-19
Station No. 1, US 93 North	20-21
Station No. 2, US 2 East	22-23
Station No. 3, US 93 South	24-25
Station No. 4, US 2 West	26-27
Station No. 5, FAS 424 Northwest	28-29



Digitized by the Internet Archive
in 2013

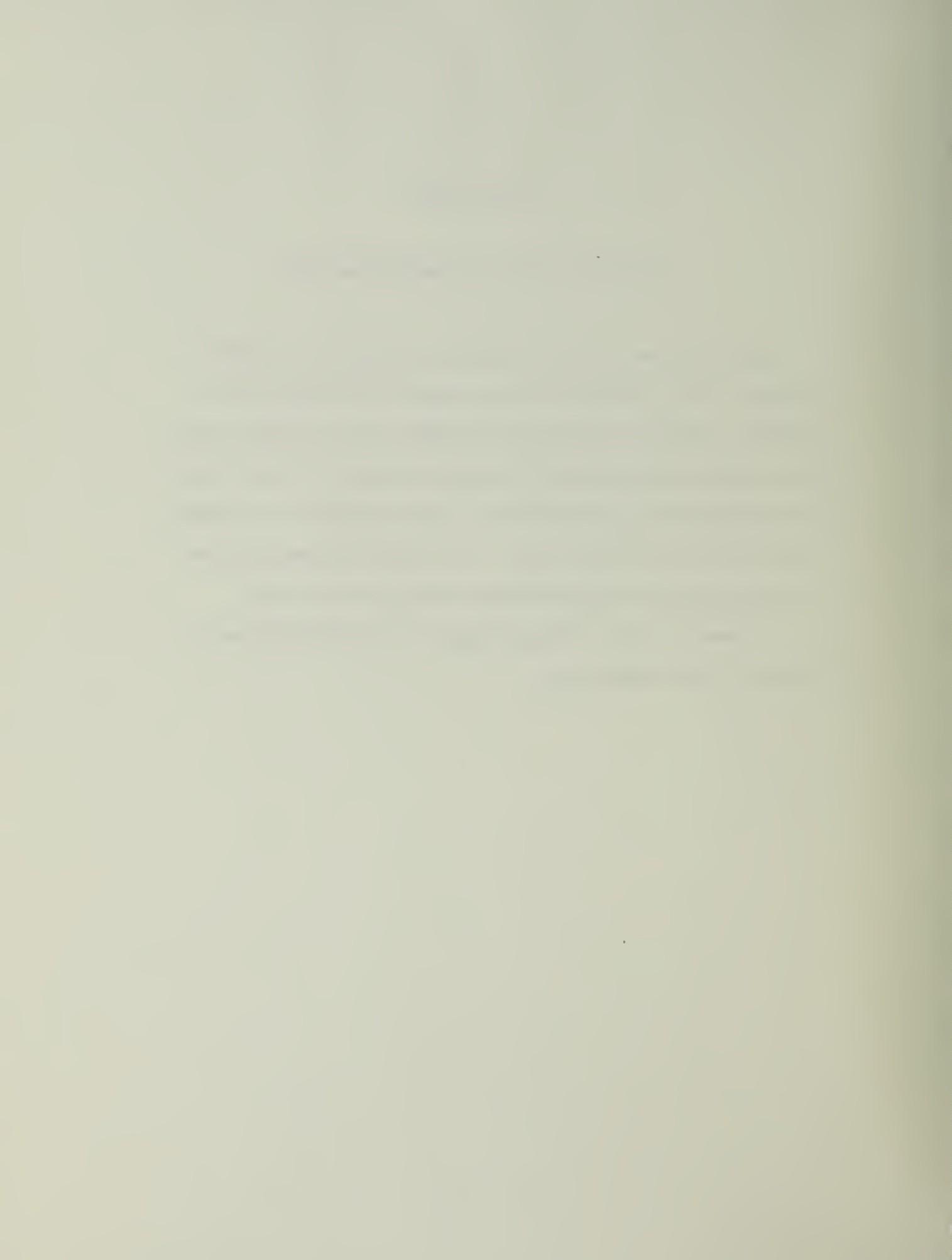
<http://archive.org/details/kalispellorigind18mont>

INTRODUCTION

KALISPELL ORIGIN AND DESTINATION STUDY

This study was conducted during the period from June 26 to July 9, 1970. Outbound motorists were interviewed at five stations located on the principal highways near the urban limits. Each station was operated for 16 hours between 6 a.m. and 10 p.m. on weekdays and the interviews were later expanded to an average twenty-four hour traffic volume. All traffic figures presented in this report are average weekday traffic for July 1970.

A summary of all stations operated in the Kalispell area is shown on the following page.



TABULATION OF TRAFFIC, FIVE EXTERNAL STATIONS

STATION <u>LOCATION</u>	NUMBER OF <u>INTERVIEWS</u>	TOTAL			TRUCK			TRUCK AVERAGE WEEKDAY TRAFFIC	AS % OF TOTAL TRAFFIC
		INTERNAL TRAFFIC	EXTERNAL TRAFFIC	THROUGH TRAFFIC	INTERNAL TRAFFIC	EXTERNAL TRAFFIC	THROUGH TRAFFIC		
1 - US 93 N	1,417	2,834	804	3,638	146	33	179	4.9	
2 - US 2 E	2,277	10,998	1,930	12,928	499	201	700	5.4	
3 - US 93 S	2,098	4,137	1,698	5,835	200	127	327	5.6	
4 - US 2 W	1,032	1,415	1,025	2,440	121	131	252	10.3	
5 - FAS 424 NW	<u>381</u>	<u>821</u>	<u>77</u>	<u>898</u>	<u>53</u>	<u>6</u>	<u>59</u>	<u>6.6</u>	
TOTALS	7,205	20,205	5,534	25,739	1,019	498	1,517	5.8	

DEFINITIONS

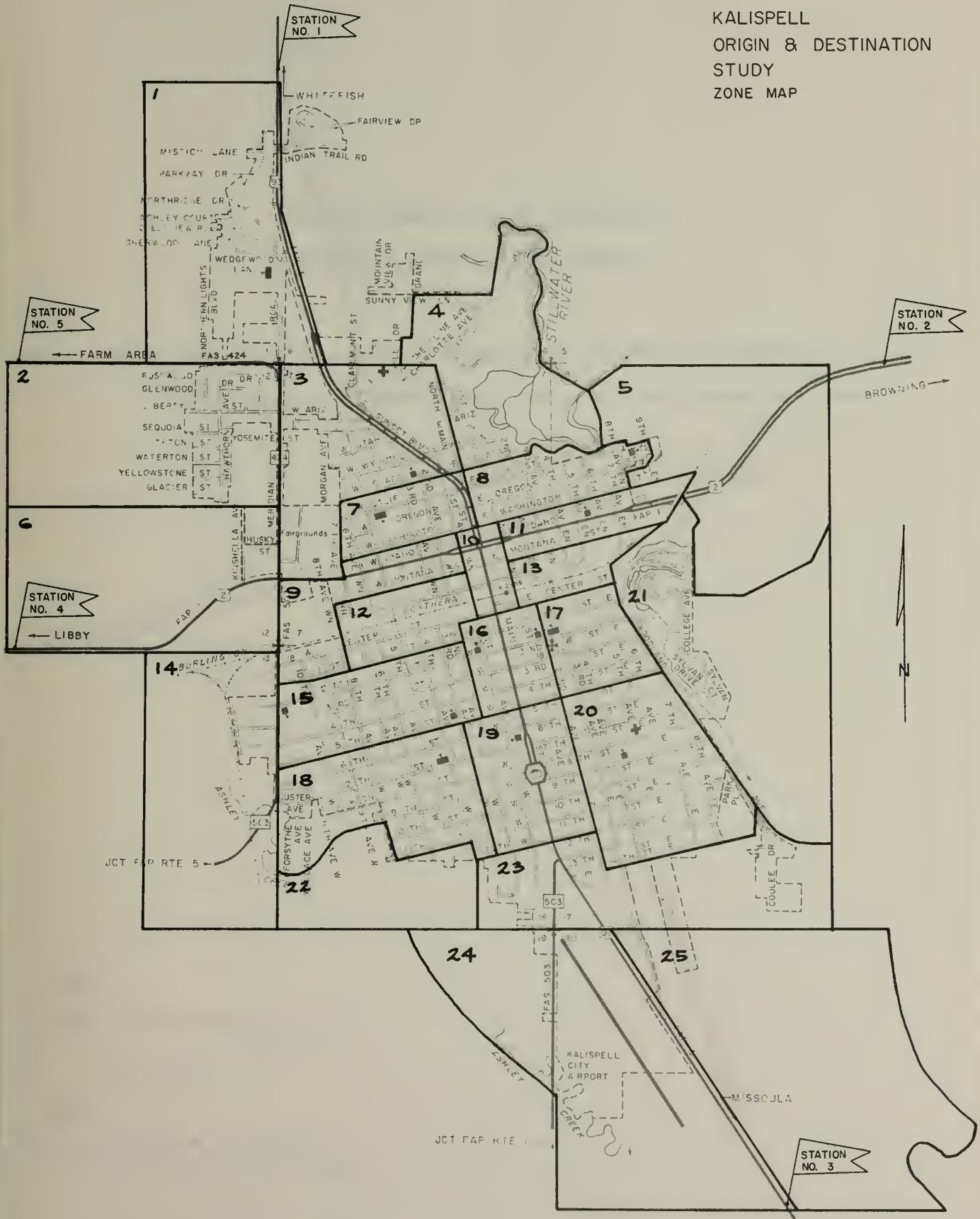
ORIGIN AND DESTINATION STUDY: A study of the Origins and Destinations of trips passing out of, into, or through a selected area.

CENTRAL BUSINESS DISTRICT: The major business district of a City, also commonly called the downtown area.

TRIP: The one-way travel of one vehicle between an origin and a destination.

DESIRE LINE: A straight line between an origin and a destination.

KALISPELL
ORIGIN & DESTINATION
STUDY
ZONE MAP

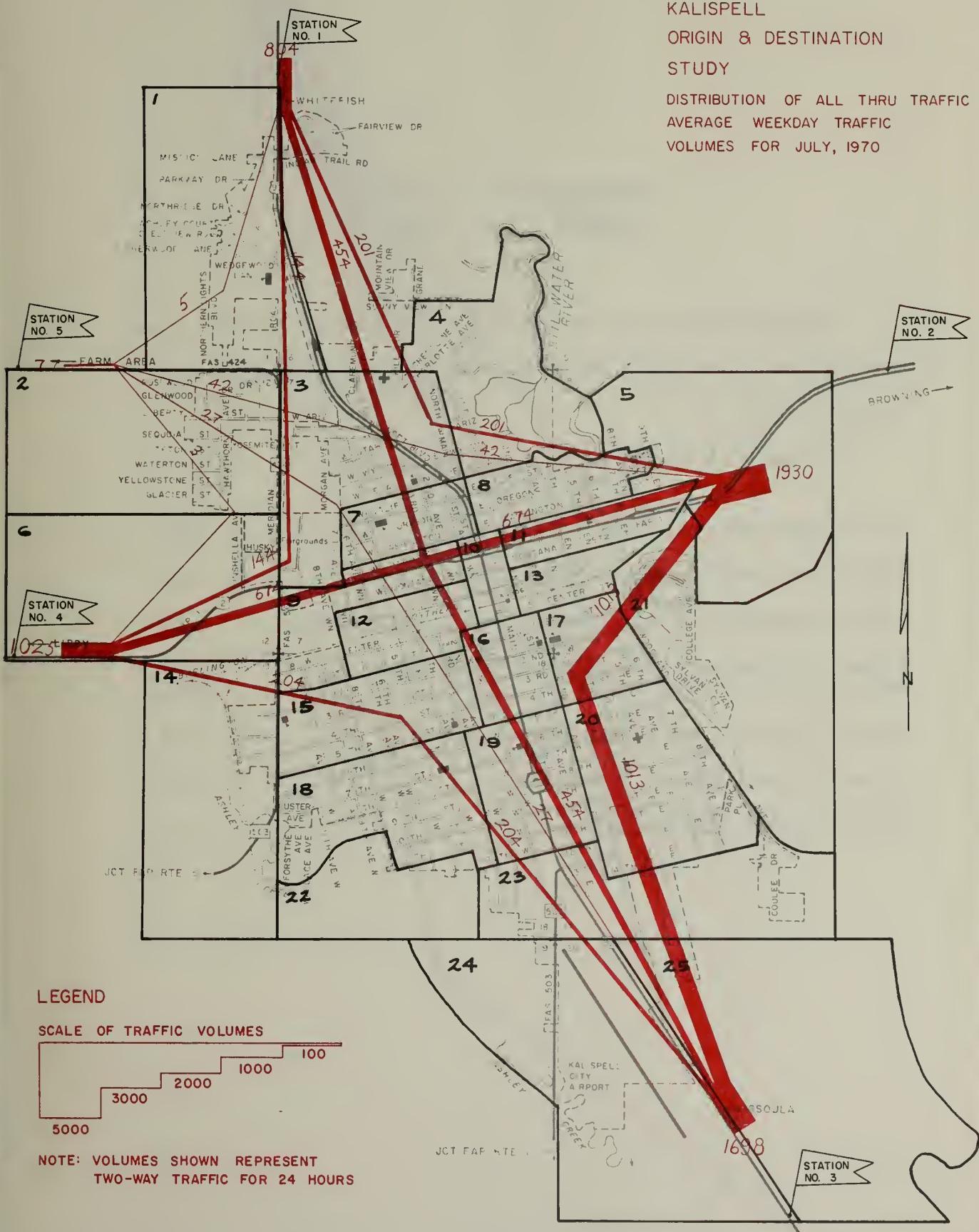


DISTRIBUTION OF ALL THROUGH TRAFFIC
BETWEEN FIVE EXTERNAL STATIONS

This map illustrates the interchange of all car and truck trips between external stations on an average weekday in July, 1970.

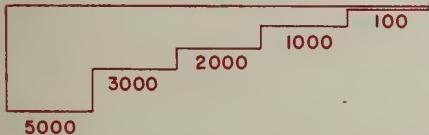
KALISPELL ORIGIN & DESTINATION STUDY

DISTRIBUTION OF ALL THRU TRAFFIC
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



LEGEND

SCALE OF TRAFFIC VOLUMES



NOTE: VOLUMES SHOWN REPRESENT
TWO-WAY TRAFFIC FOR 24 HOURS

DISTRIBUTION OF ALL TRAFFIC
STATION 1 - US 93 NORTH

This map illustrates traffic desire lines of all traffic entering and leaving Kalispell on US 93 North during an average weekday in July 1970.

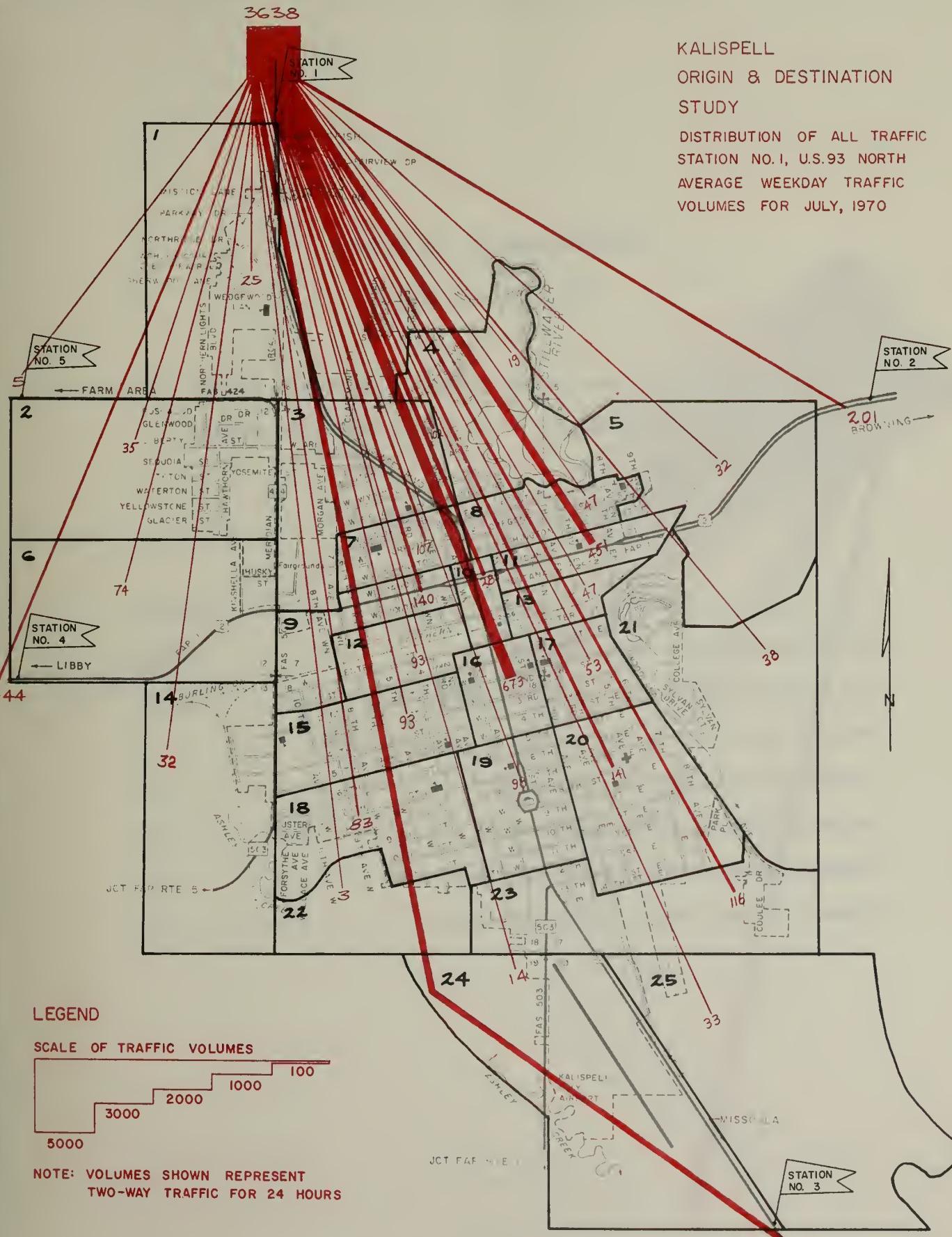
A summary of traffic at this station follows:

All Internal-External Traffic This Station	- - - - -	2834
All Through Traffic This Station	- - - - -	804
All Internal-External and Through Traffic This Station	- -	3638
Percent Of Traffic This Station to the Central Business District	- - - - -	18.4
Percent Through Traffic (North-East)	- - - - -	5.5
Percent Through Traffic (North-South)	- - - - -	12.5
Percent Through Traffic (North-West)	- - - - -	4.0

3638

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF ALL TRAFFIC
STATION NO. 1, U.S. 93 NORTH
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF ALL TRAFFIC

STATION 2 - US 2 EAST

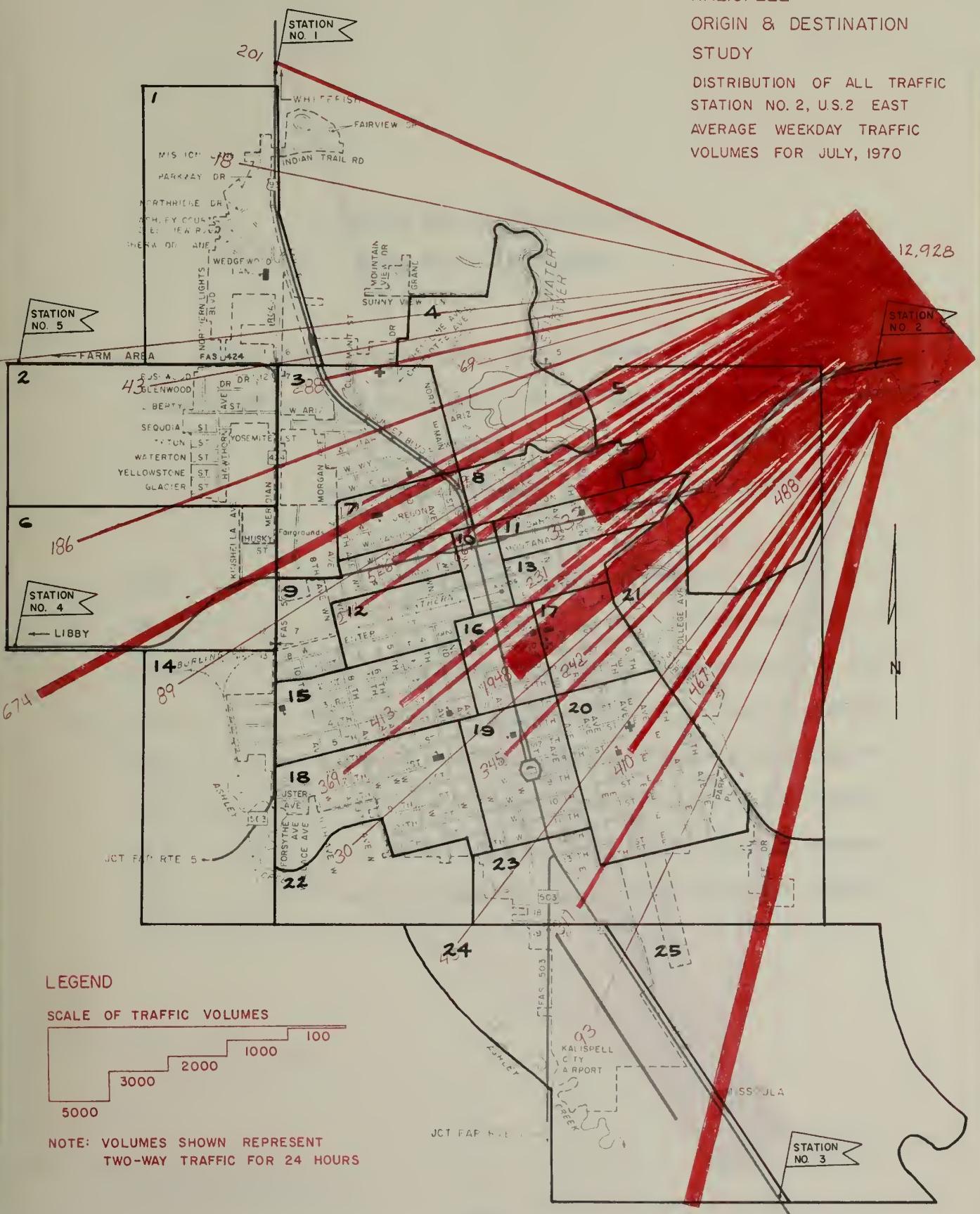
This map illustrates traffic desire lines of all traffic entering and leaving Kalispell on US 2 East during an average weekday in July 1970.

A summary of traffic at this station follows:

All Internal-External Traffic This Station	- - - - -	10998
All Through Traffic This Station	- - - - -	1930
All Internal-External and Through Traffic This Station	- -	12928
Percent of Traffic to the Central Business District	- - -	15.0
Percent Through Traffic (East-North)	- - - - -	1.6
Percent Through Traffic (East-South)	- - - - -	7.8
Percent Through Traffic (East-West)	- - - - -	5.2
Percent Through Traffic (East- Northwest)	- - - - -	0.3

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF ALL TRAFFIC
STATION NO. 2, U.S. 2 EAST
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF ALL TRAFFIC

STATION 3 - US 93 SOUTH

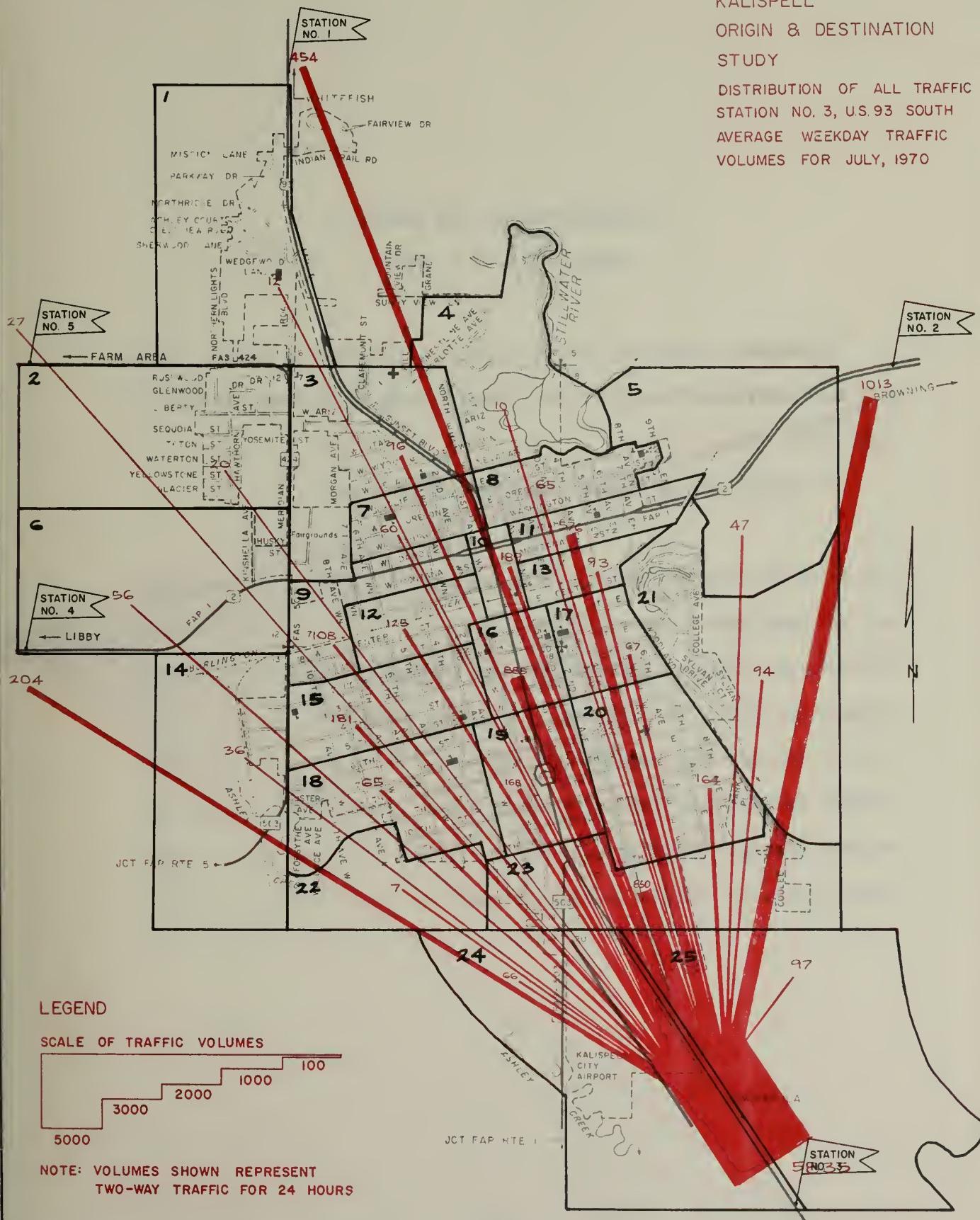
This map illustrates traffic desire lines of all traffic entering and leaving Kalispell on US 93 South during an average weekday in July 1970.

A summary of traffic at this station follows:

All Internal-External Traffic This Station	- - - - -	4137
All Through Traffic This Station	- - - - -	1698
All Internal-External and Through Traffic This Station	- -	5835
Percent of Traffic to the Central Business District	- - -	15.1
Percent Through Traffic (South-North)	- - - - -	7.8
Percent Through Traffic (South-East)	- - - - -	17.3
Percent Through Traffic (South-West)	- - - - -	3.5
Percent Through Traffic (South-Northwest)	- - - - -	0.5

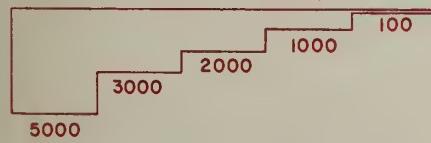
KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF ALL TRAFFIC
STATION NO. 3, U.S. 93 SOUTH
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



LEGEND

SCALE OF TRAFFIC VOLUMES



NOTE: VOLUMES SHOWN REPRESENT
TWO-WAY TRAFFIC FOR 24 HOURS

DISTRIBUTION OF ALL TRAFFIC
STATION 4 - US 2 WEST

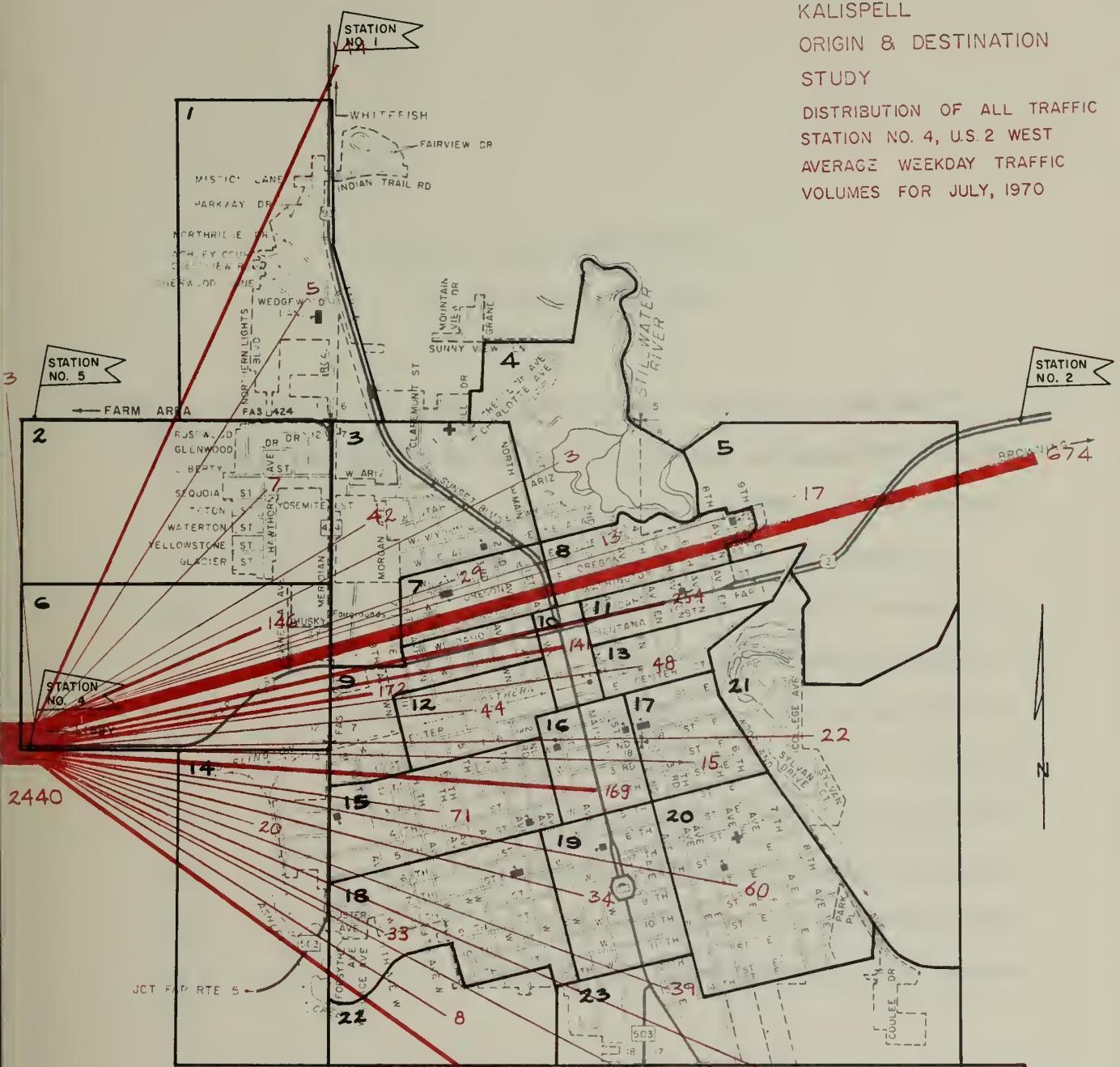
This map illustrates traffic desire lines of all traffic entering and leaving Kalispell on US 2 West during an average weekday in July 1970.

A summary of traffic at this station follows:

All Internal-External Traffic This Station	- - - - -	1415
All Through Traffic This Station	- - - - -	1025
All Internal-External and Through Traffic This Station	- -	2440
Percent of Traffic to the Central Business District	- -	6.9
Percent Through Traffic (West-North)	- - - - -	5.9
Percent Through Traffic (West-East)	- - - - -	27.6
Percent Through Traffic (West-South)	- - - - -	8.3
Percent Through Traffic (West-Northwest)	- - - - -	0.24

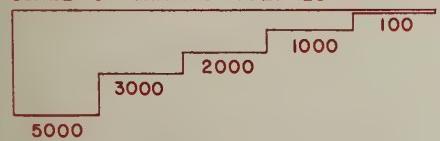
KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF ALL TRAFFIC
STATION NO. 4, U.S. 2 WEST
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970

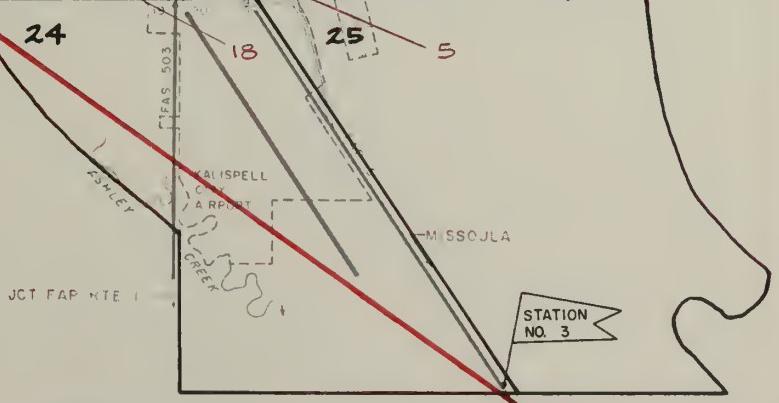


LEGEND

SCALE OF TRAFFIC VOLUMES



NOTE: VOLUMES SHOWN REPRESENT
TWO-WAY TRAFFIC FOR 24 HOURS



DISTRIBUTION OF ALL TRAFFIC

STATION 5 - FAS 424 NW

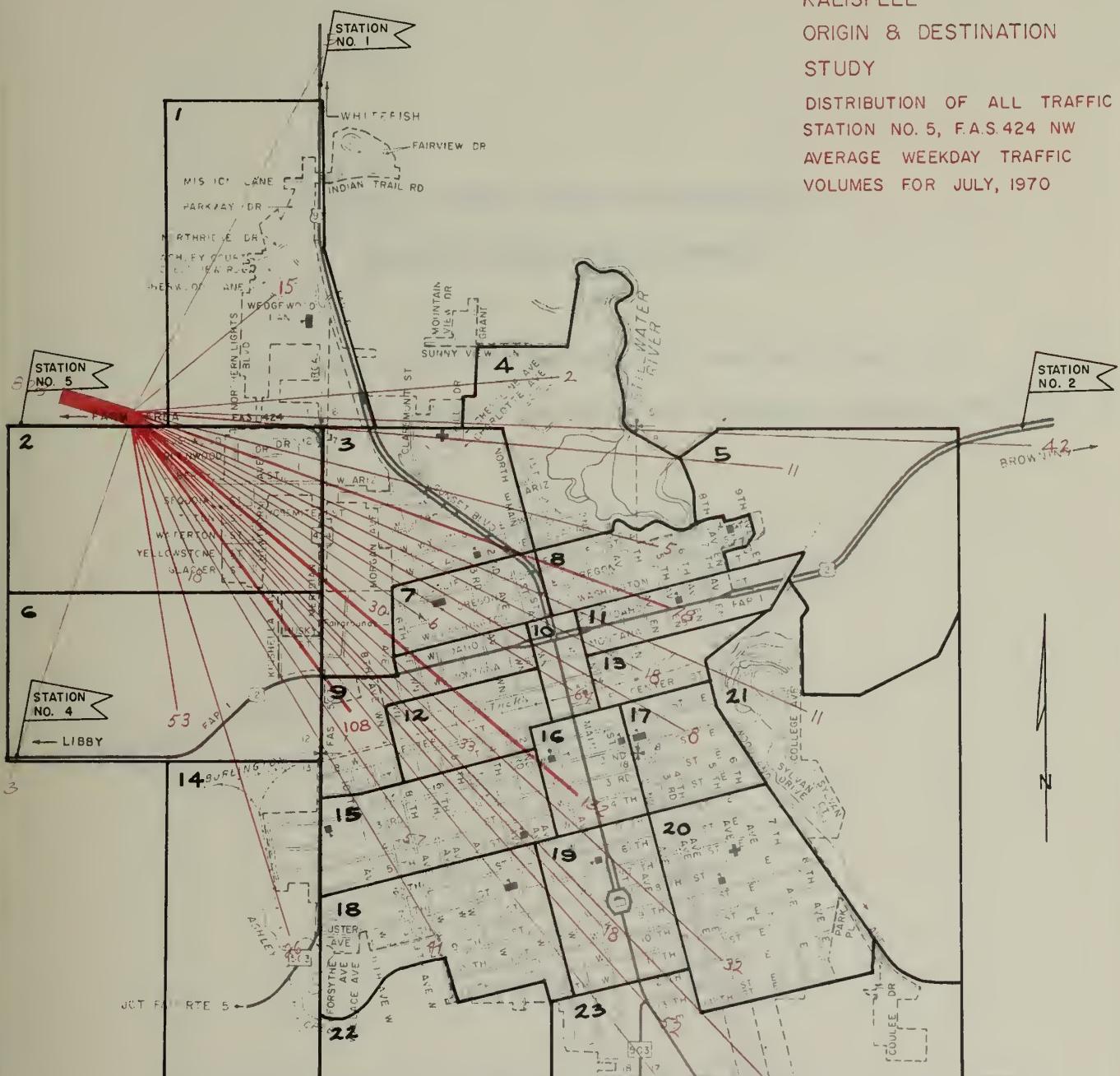
This map illustrates traffic desire lines of all traffic entering and leaving Kalispell on FAS 424 NW during an average weekday in July 1970.

A summary of traffic at this station follows:

All Internal-External Traffic This Station	- - - - -	821
All Through Traffic This Station	- - - - -	77
All Internal-External and Through Traffic This Station	- -	898
Percent of Traffic to the Central Business District	- - -	14.6
Percent Through Traffic (FAS 424 NW-North)	- - - - -	0.6
Percent Through Traffic (FAS 424 NW-East)	- - - - -	4.6
Percent Through Traffic (FAS 424 NW-South)	- - - - -	3.0
Percent Through Traffic (FAS 424 NW-West)	- - - - -	0.3

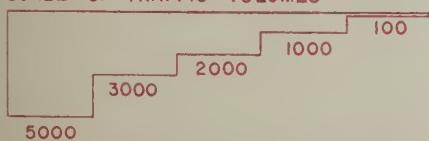
KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF ALL TRAFFIC
STATION NO. 5, F.A.S. 424 NW
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970

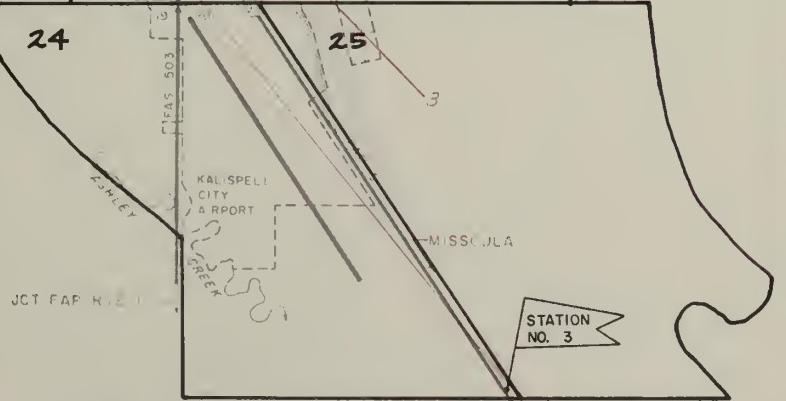


LEGEND

SCALE OF TRAFFIC VOLUMES



NOTE: VOLUMES SHOWN REPRESENT
TWO-WAY TRAFFIC FOR 24 HOURS



DISTRIBUTION OF TRUCK THROUGH TRAFFIC

BETWEEN FIVE EXTERNAL STATIONS

This map illustrates the interchange of all truck trips between external stations on an average weekday in July, 1970.

DISTRIBUTION OF TRUCK TRAFFIC

STATION 1 - US 93 NORTH

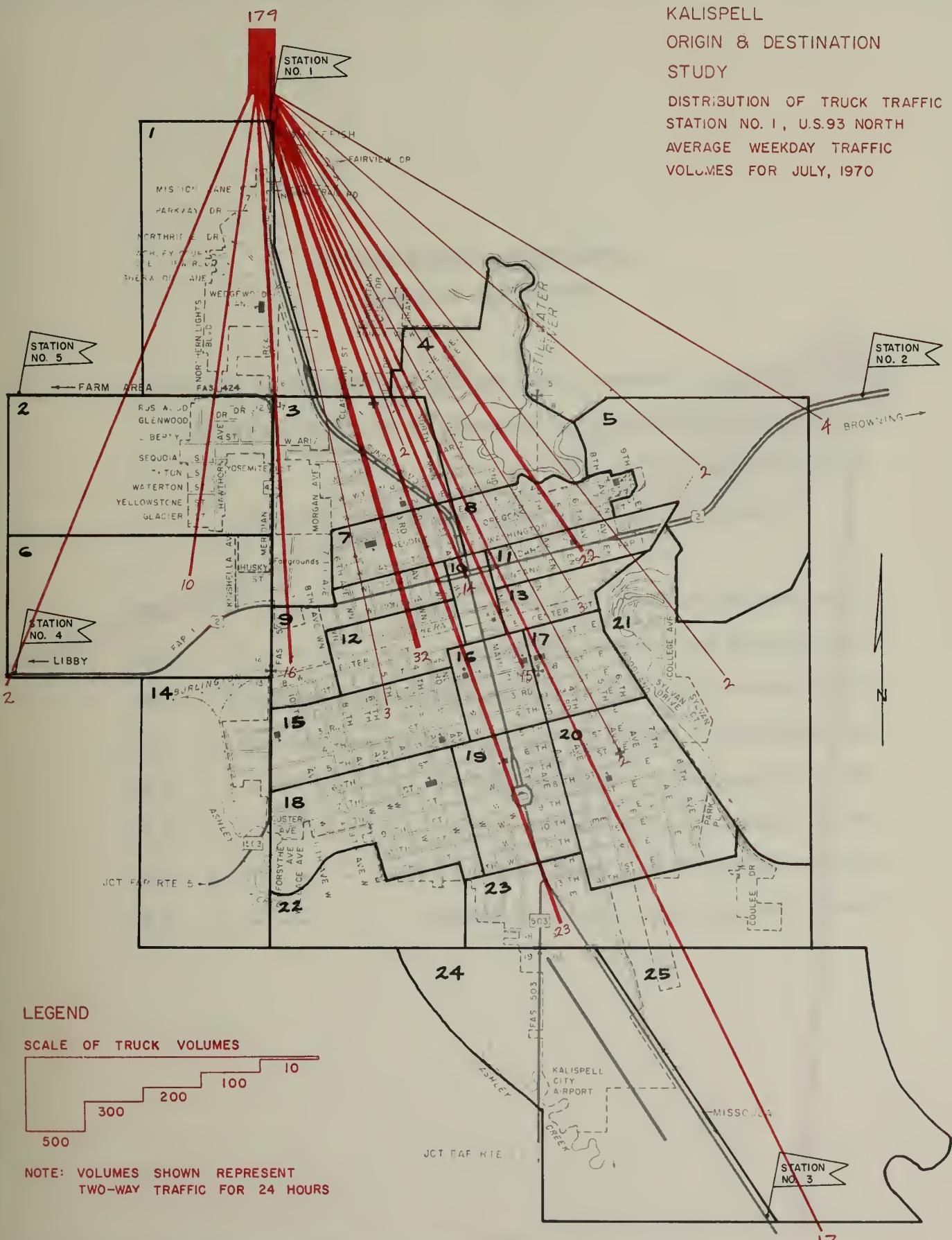
This map illustrates truck traffic desire lines of all truck traffic entering and leaving Kalispell on US 93 North during an average weekday in July 1970.

A summary of truck traffic at this station follows:

Truck Internal-External Traffic This Station	- - - - -	146
Truck Through Traffic This Station	- - - - -	33
Truck Internal-External and Through Traffic This Station	- -	179
Percent of Truck Traffic to the Central Business District	-	8.3
Percent Through Traffic (North-East)	- - - - -	2.2
Percent Through Traffic (North-South)	- - - - -	9.4
Percent Through Traffic (North-West)	- - - - -	6.7

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF TRUCK TRAFFIC
STATION NO. 1, U.S.93 NORTH
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF TRUCK TRAFFIC
STATION 2 - US 2 EAST

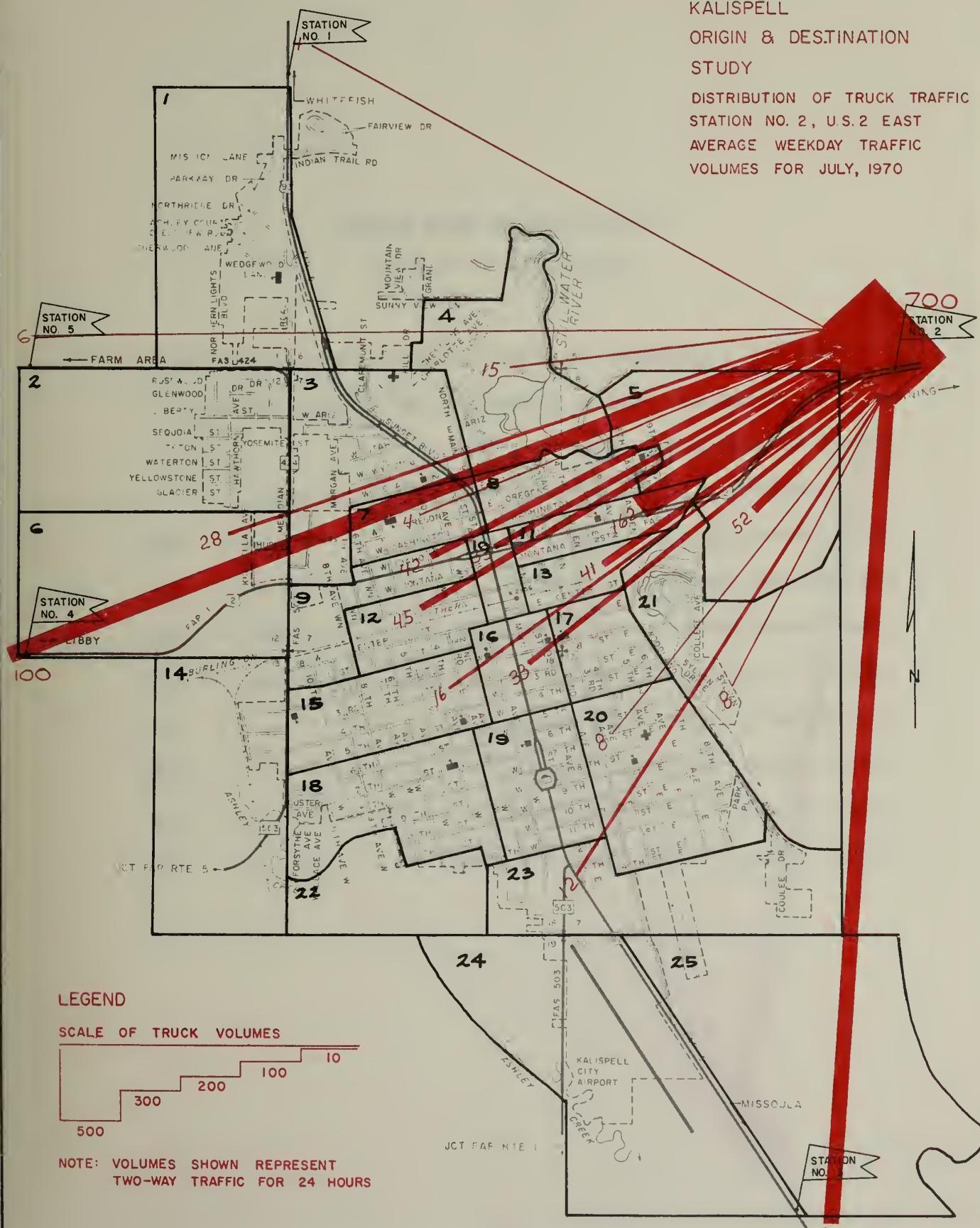
This map illustrates truck traffic desire lines of all truck traffic entering and leaving Kalispell on US 2 East during an average weekday in July 1970.

A summary of truck traffic at this station follows:

Truck Internal-External Traffic This Station	- - - - -	499
Truck Through Traffic This Station	- - - - -	201
Truck Internal-External and Through Traffic This Station	- -	700
Percent of Truck Traffic to the Central Business District	-	4.7
Percent Through Traffic (East-North)	- - - - -	0.6
Percent Through Traffic (East-South)	- - - - -	13.0
Percent Through Traffic (East-West)	- - - - -	14.3
Percent Through Traffic (East-Northwest)	- - - - -	0.9

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF TRUCK TRAFFIC
STATION NO. 2, U.S. 2 EAST
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF TRUCK TRAFFIC

STATION 3 - US 93 SOUTH

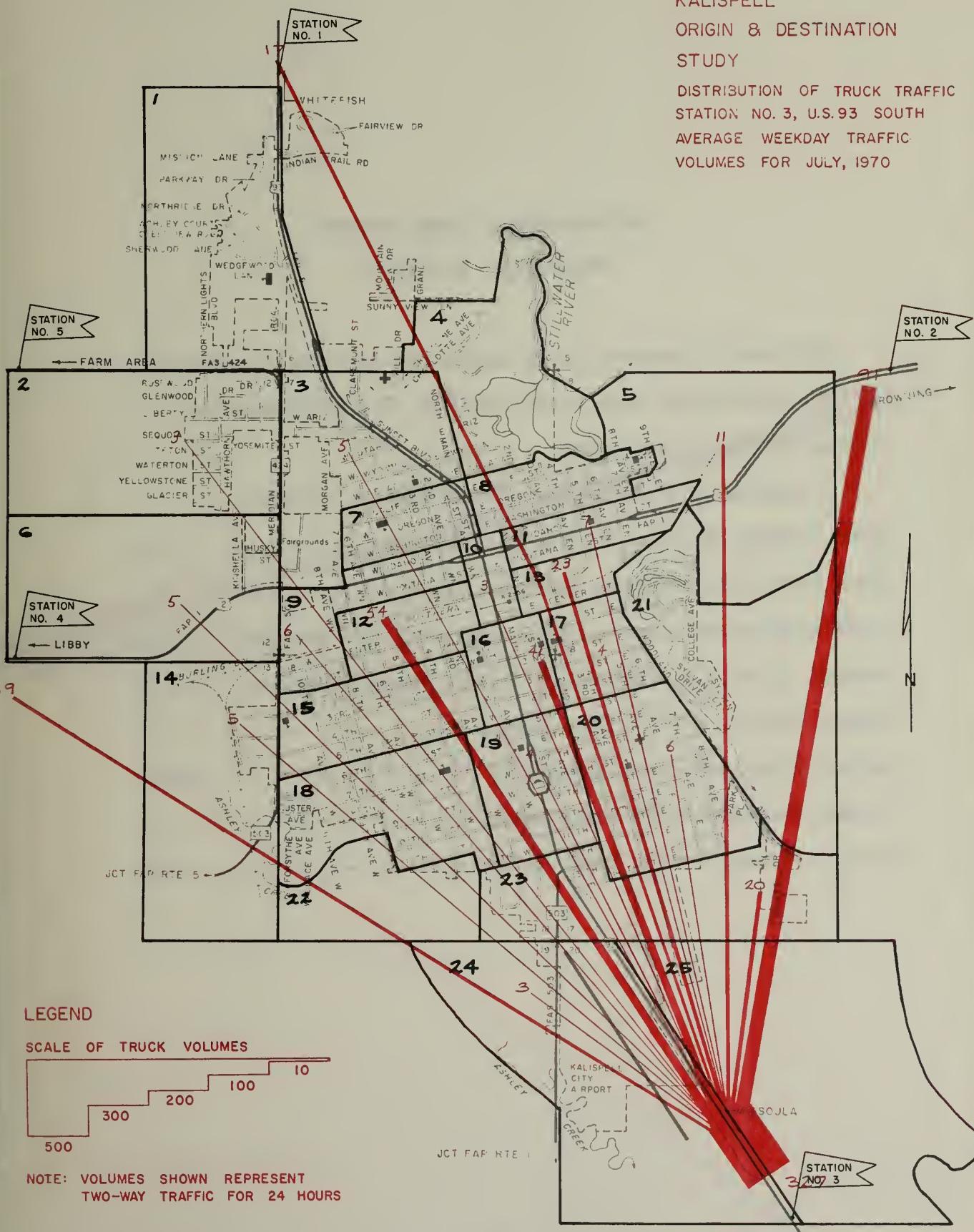
This map illustrates truck traffic desire lines of all truck traffic entering and leaving Kalispell on US 93 South during an average weekday in July 1970.

A summary of truck traffic at this station follows:

Truck Internal-External Traffic This Station	- - - - -	200
Truck Through Traffic This Station	- - - - -	127
Truck Internal-External and Through Traffic This Station	- -	327
Percent of Truck Traffic to the Central Business District	-	12.5
Percent Through Traffic (South-North)	- - - - -	5.1
Percent Through Traffic (South-East)	- - - - -	27.8
Percent Through Traffic (South-West)	- - - - -	5.8
Percent Through Traffic (South-Northwest)	- - - - -	0.0

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF TRUCK TRAFFIC
STATION NO. 3, U.S. 93 SOUTH
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF TRUCK TRAFFIC

STATION 4 - US 2 WEST

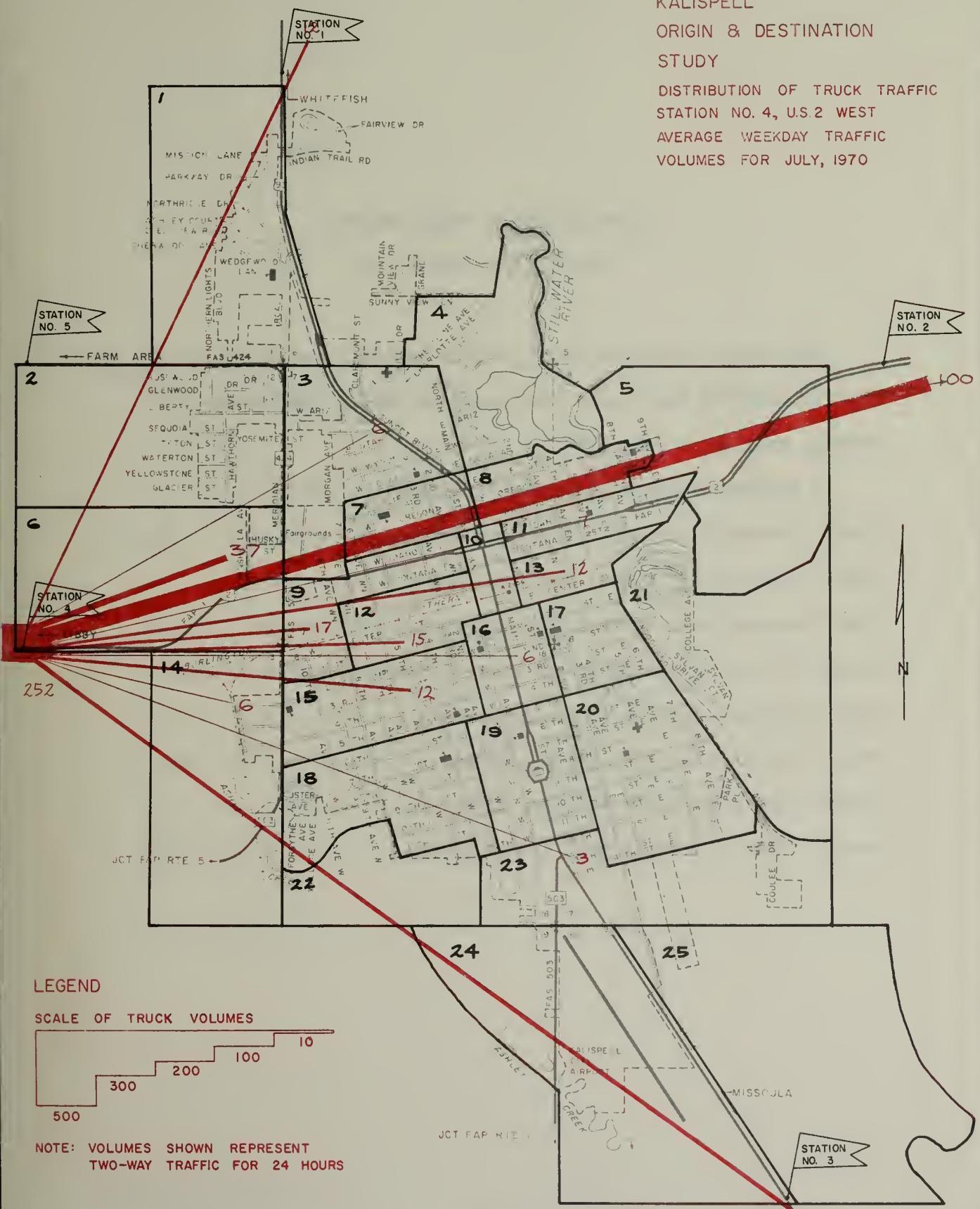
This map illustrates truck traffic desire lines of all truck traffic entering and leaving Kalispell on US 2 West during an average weekday in July 1970.

A summary of truck traffic at this station follows:

Truck Internal-External Traffic This Station	- - - - -	121
Truck Through Traffic This Station	- - - - -	131
Truck Internal-External and Through Traffic This Station	- -	252
Percent of Truck Traffic to the Central Business District	-	2.3
Percent Through Traffic (West-North)	- - - - -	4.7
Percent Through Traffic (West-East)	- - - - -	39.6
Percent Through Traffic (West-South)	- - - - -	7.5
Percent Through Traffic (West-Northwest)	- - - - -	0.0

KALISPELL
ORIGIN & DESTINATION
STUDY

DISTRIBUTION OF TRUCK TRAFFIC
STATION NO. 4, U.S. 2 WEST
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



DISTRIBUTION OF TRUCK TRAFFIC

STATION 5 - FAS 424 NW

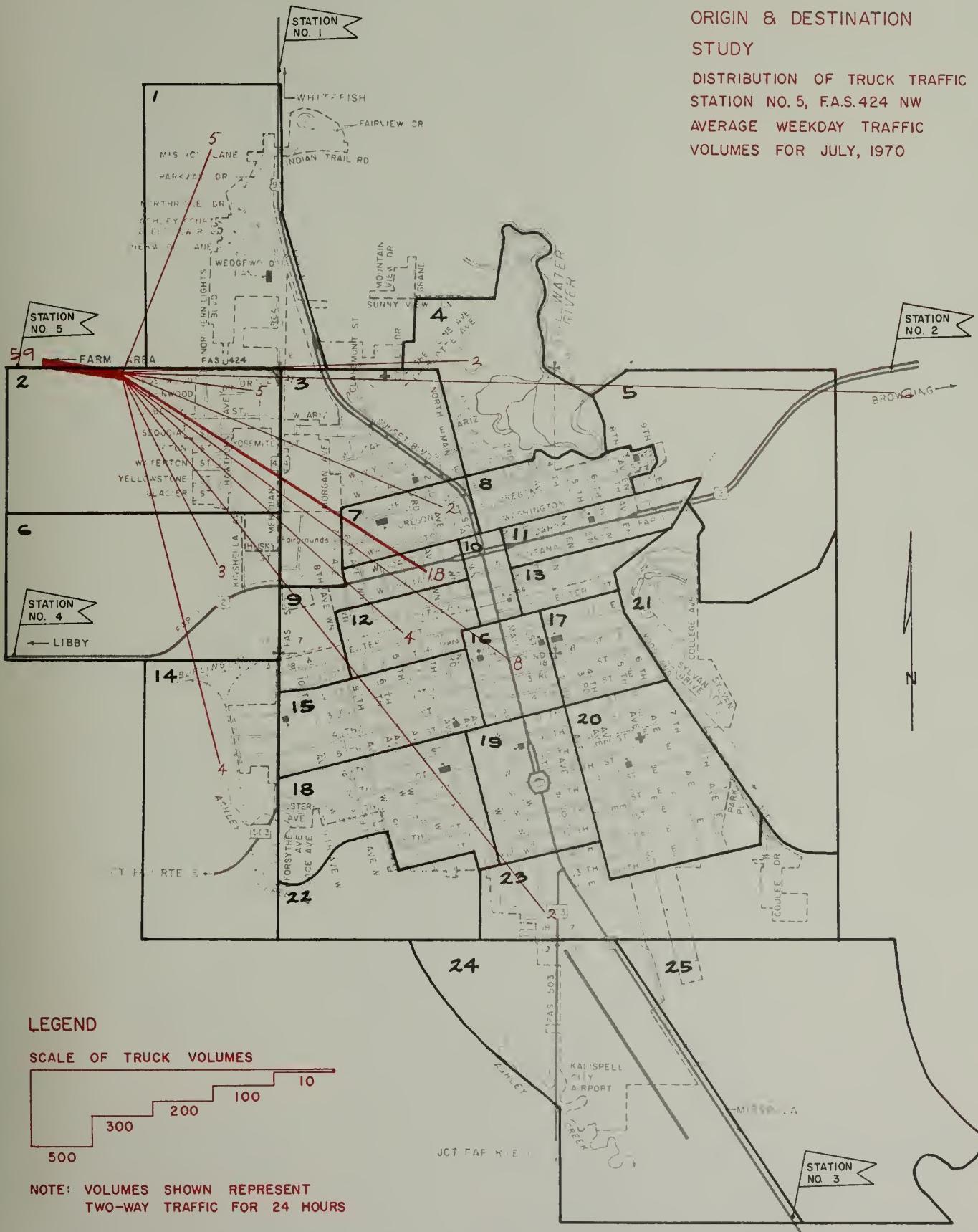
This map illustrates truck traffic desire lines of all truck traffic entering and leaving Kalispell on FAS 424 NW during an average weekday in July 1970.

A summary of truck traffic at this station follows:

Truck Internal-External Traffic This Station	- - - - -	53
Truck Through Traffic This Station	- - - - - - - - -	6
Truck Internal-External and Through Traffic This Station	- -	59
Percent of Truck Traffic to the Central Business District	-	13.5
Percent Through Traffic (FAS 424 NW-North)	- - - - -	0.0
Percent Through Traffic (FAS 424 NW-East)	- - - - -	10.1
Percent Through Traffic (FAS 424 NW-South)	- - - - -	0.0
Percent Through Traffic (FAS 424 NW-West)	- - - - -	0.0

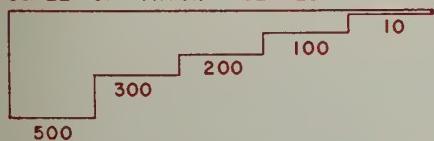
KALISPELL ORIGIN & DESTINATION STUDY

DISTRIBUTION OF TRUCK TRAFFIC
STATION NO. 5, F.A.S. 424 NW
AVERAGE WEEKDAY TRAFFIC
VOLUMES FOR JULY, 1970



LEGEND

SCALE OF TRUCK VOLUMES



NOTE: VOLUMES SHOWN REPRESENT
TWO-WAY TRAFFIC FOR 24 HOURS

